TO S.R. Morss

Bradford, Mass.

1290 CFAM

CONFIRMS YOUR REPORT

OF RECEPTION ON Jan. 3, 1966 AT 0230-0330 CST

OF SPECIAL DX PROGRAM

GOOD MUSIC STATION

1290 KC, ALTONA, MANITOBA, CANADA
DAY 10,000 WATTS, NIGHT 5,000 WATTS

QTH N. LAT. 49° 03' 50" W. LONG. 97° 33' 07"
XTMR RCA BTA-5K-10K

Three antennas each 190.7 feet (90°)
No. 3 reference
No. 2 is spaced 190.7 feet (90°) on a line bearing 2° True
No. 1 is spaced 381.4 feet (180°) on a line bearing 340° True

	Phase	Day	Night
No. 1	73°	860	270
No. 2	225°	8280	2900
No. 3	0°	860	1830

W. H. Tenkenbush
Chief Engineer

RADIO SOUTHERN MANITOBA

1290 CFAM | CHSM 1250

ALTONA 324-6464 | STEINBACH 326-3737
WINNIPEG 475-0754
MAILING ADDRESS: BOX 1000 ALTONA

Feb. 16, 1966

Dear OM,

Thank you very much for taking the trouble to report reception of our special DX program. The reports were most interesting. Although we are mainly interested in our ground wave coverage, it is good to know where the sky wave goes too.

You might be interested to know that reports were received from points as distant as Northwest Territories, New Zealand, many Eastern Seaboard states, West coast points, and from as far South as Alabama. Most all the reports were of 1290 Kcs. reception; it seems QRM on 1250 Kcs. is too high.

I particularly appreciated your comments on the processed identifications. The process was as follows: High-Pass filtering with cutoff at 500 cps, clipping to a level of 20 dB, Low-Pass filtering with cut-off at 2500 cps, and compression devices going full tilt. The result was an average modulation of well over 90%. Your comments bore out what theory predicts: "...cut through QRM like a hot knife through butter!" "..could understand only during identification" Almost all comments indicated considerably improved intelligibility.

I am enclosing your QSL card, of course, and some information about our stations that might be useful.

Thanks again for your report. Perhaps you'll tune us in again some time, in which case we hope to hear from you.

Good DX'ing and 73,

W. H. Lindenbach

W. H. Lindenbach, engr.